

A large, vertical image on the left side of the slide showing a view of the Earth from space. The Earth's horizon is visible, with a bright sun or star in the background creating a lens flare effect. The colors are predominantly blue and white, representing the atmosphere and clouds.

H2020 Research Projects support for Europe CO2 Monitoring capacity

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Reading, 12 March 2019, CHE – 2nd General
Assembly

H2020 - Three Key Pillars



H2020 – SPACE & SC5



Project: CHE

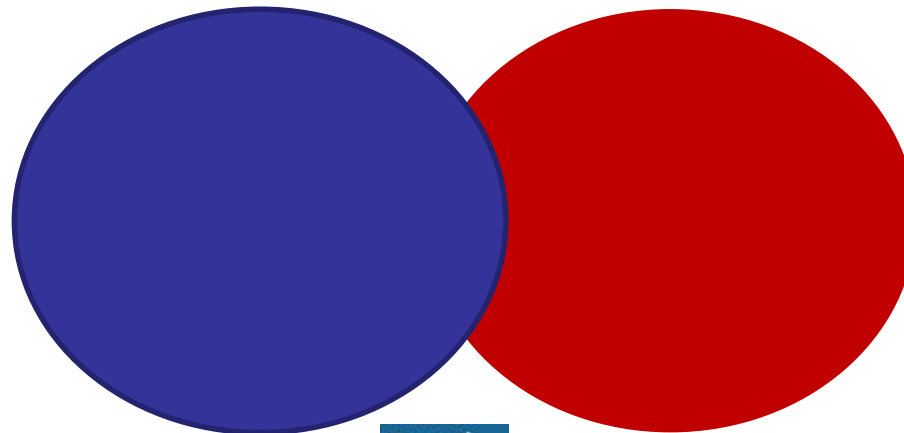
Work Programme 2017:
Space Research

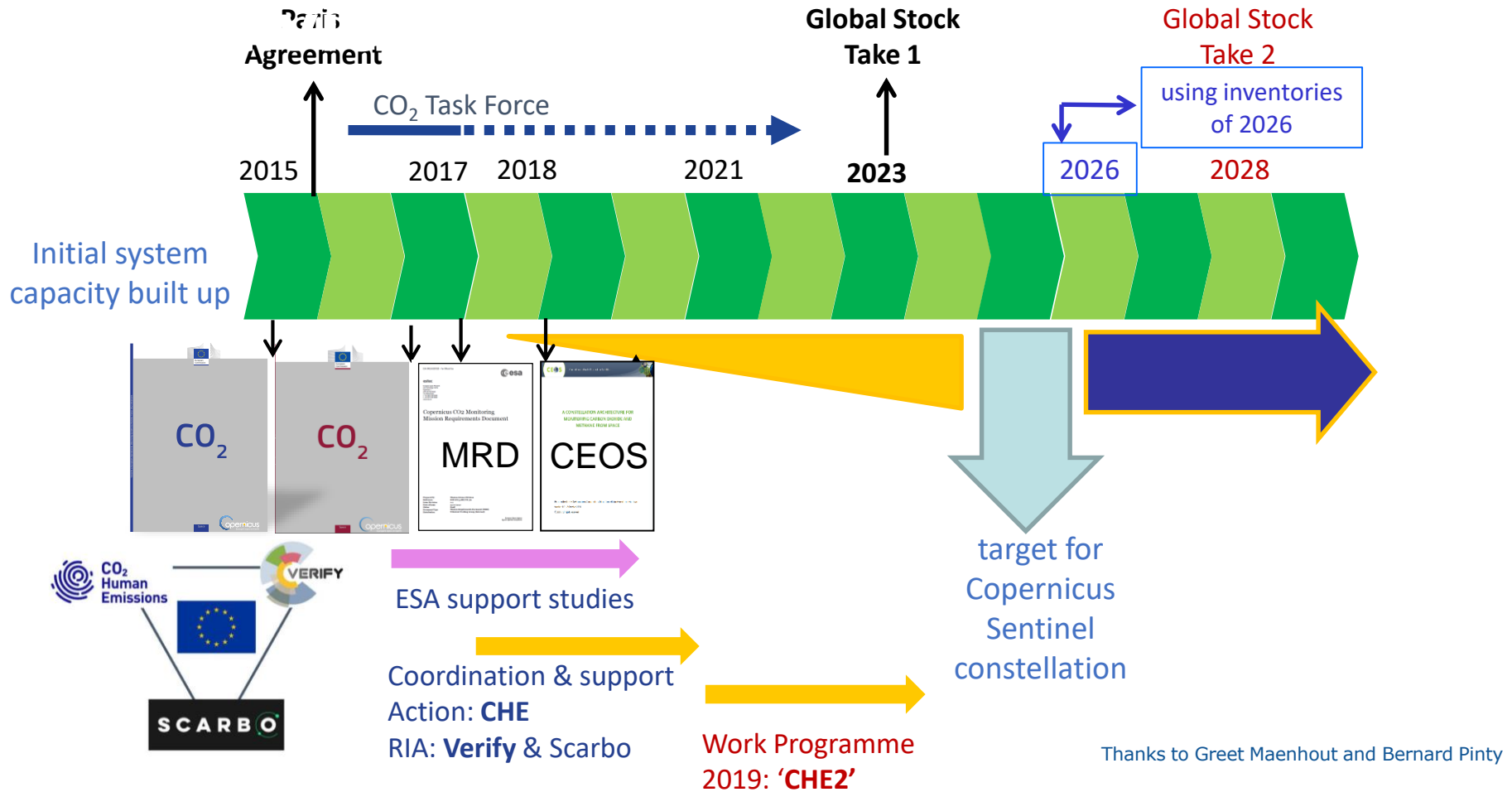
Topic EO-3-2017:
Preparation for a European
capacity to monitor CO₂
anthropogenic emissions

Project: VERIFY

Work Programme 2017:
Societal Challenge 5

Topic SC5-04-2017:
Towards a robust and
comprehensive greenhouse
gas verification system





OTHER ACTION 13: Copernicus evolution – Research activities in support of a European operational monitoring support capacity for fossil CO2 emissions



- Grant to pre-identified beneficiary
- Intended as a continuation of CHE project
- The main objective is to perform R&D activities identified as a need in the CHE project & strongly recommended by the CO2 monitoring Task Force
- The activities shall sustain the development of a European operational monitoring support capacity for fossil fuel CO2 emissions. These activities should therefore address all components of the system, such as atmospheric transport models, re-analysis, data assimilation techniques, bottom-up estimation, in-situ networks and ancillary measurements needed to address the attribution of CO2 emissions.

BUDGET: 9 million

Other action 13. Copernicus evolution – Research activities in support of a European operational monitoring support capacity for fossil CO2 emissions



http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-leit-space_en.pdf, pages 88-90

INDICATIVE TIMETABLE

Invitation to submit proposal	Q4 - 2019
Deadline for submission	Q1 - 2020
Evaluations	Q1/Q2 - 2020
GAP & Signature of grant	Q2/Q3 - 2020
Start of CHE-2	1 January 2021



THANK YOU